

WATER VEHICLE PROPELLER

Abstract of the Disclosure

In this specification regarding water vehicle propellers, the gist of the technical disclosure resides in the construction of a propeller having elongated blades which extend in a helical path and longitudinally of the hull of a water vehicle in an unbroken length, singly or in aligned sections following the contour of the hull, for substantially its entire length or that portion of the length of a water vehicle in contact with the body of water when under way. The elongated propellers are rotated on their longitudinal axis. In addition, two of such elongated propellers or aligned sections of such propellers are mounted parallel for rotation in opposite directions either within a tubular housing open at the front and rear or mounted directly adjacent the hull with one or more on either side. Spaced apart longitudinal support members are secured below the elongated propellers to prevent contact with an object or objects from below and to support the propellers and hull above any such objects. One of such propellers may be mounted below a forward portion of a vessel and a second below a rearward portion, each propeller being pivotable outwardly in opposite directions from the longitudinal axis of the vessel to enable the vessel to turn more rapidly from one direction to another.